



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HUGHES *et al.*

Patent No.: 7,217,415

Issued: May 15, 2007

For: **NADP-Dependent Glyceraldehyde-3-Phosphate Dehydrogenase for Therapeutic Use**

Confirmation No.: N/A

Art Unit: N/A

Examiner: N/A

Atty. Docket: 2479.0330005/EKS/C-K

**Revocation of Prior Power of Attorney and  
Appointment of New Attorneys of Record**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, having express authority to represent Emergent Product Development UK Limited, the assignee of the entire right, title, and interest in the above-captioned application, by assignment recorded at the U.S. Patent and Trademark Office ("USPTO") on September 17, 2001 and Name Changes recorded at the USPTO on March 2, 2007 and March 8, 2007 (copies enclosed), hereby revokes all powers of attorney heretofore given in the above-captioned application, and appoints as his attorneys, the attorneys associated with Customer Number 26111, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the USPTO connected therewith.

For the purpose of PAIR, the Customer Number is **26111**.

The undersigned hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the USPTO.

Send all correspondence to:

Customer Number 26111  
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934.

Direct telephone calls to (202) 371-2600.

FOR: Emergent Product Development UK Limited

SIGNATURE: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

ASSIGNOR:

DOBSON, RICHARD JAMES

DOC DATE: 06/30/2001

ASSIGNOR:

HENWOOD, CAROLINE JOANNE

DOC DATE: 06/30/2001

ASSIGNOR:

WILSON, REBECCA KERRY

DOC DATE: 07/12/2001

ASSIGNEE:

MICROSCIENCE LIMITED  
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SERIAL NUMBER: 09868195

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 02, 2007

PTAS

**\*500232209A\***

**\*500232209A\***

GLENN P. LADWIG  
P.O. BOX 142950  
GAINESVILLE, FL 32614-2950

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RECORDATION DATE: 03/02/2007

REEL/FRAME: 018951/0034  
NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: GJE-71

ASSIGNOR:  
MICROSCIENCE LIMITED

DOC DATE: 07/22/2005

ASSIGNEE:  
EMERGENT EUROPE LIMITED  
545 ESKDALE ROAD, WINNERSH  
TRIANGLE  
WOKINGHAM, BERKSHIRE, UNITED  
KINGDOM  
RG41 5TU

SERIAL NUMBER: 09868195

FILING DATE: 09/14/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: NADP-DEPENDENT GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE FOR  
THERAPEUTIC USE

018951/0034 PAGE 2

SERIAL NUMBER: 10822053	FILING DATE: 04/08/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: ATTENUATED MICROORGANISMS FOR THE TREATMENT OF INFECTION	

SERIAL NUMBER: 11701214	FILING DATE:
PATENT NUMBER:	ISSUE DATE:
TITLE:	

SERIAL NUMBER: 09569601	FILING DATE: 05/09/2000
PATENT NUMBER: 6756042	ISSUE DATE: 06/29/2004
TITLE: ATTENUATED MICROORGANISMS FOR THE TREATMENT OF INFECTION	

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 08, 2007

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**\*500235821A\***

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RECORDATION DATE: 03/08/2007

REEL/FRAME: 018972/0679

NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: GJE-71

ASSIGNOR:

EMERGENT EUROPE LIMITED

DOC DATE: 06/01/2006

ASSIGNEE:

EMERGENT PRODUCT DEVELOPMENT UK  
LIMITED  
545 ESKDALE ROAD, WINNERSH  
TRIANGLE  
WOKINGHAM, BERKSHIRE, UNITED  
KINGDOM  
RG41 5TU

SERIAL NUMBER: 09868195

FILING DATE: 09/14/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: NADP-DEPENDENT GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE FOR

TO: GLENN P. LADWIG COMPANY: P.O. BOX 142950

THERAPEUTIC USE

018972/0679 PAGE 2

SERIAL NUMBER: 10822053

FILING DATE: 04/08/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: ATTENUATED MICROORGANISMS FOR THE TREATMENT OF INFECTION

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TITLE: ATTENUATED MICROORGANISMS FOR THE TREATMENT OF INFECTION

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

**STATEMENT UNDER 37 CFR 3.73(b)**

2479.0330005/EKS/C-K

Applicant/Patent Owner: Martin John Glenton HUGHES et al.Application No./Patent No.: 7,217,415 B1 Filed/Issue Date: May 15, 2007Entitled: NADP-Dependent Glyceraldehyde-3-Phosphate Dehydrogenase for Therapeutic UseEmergent Product Development UK Limited, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: SEE ADDENDUM To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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- ☒ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Eric K. Steffe

Printed or Typed Name

Attorney of Record

Title

Date

(202) 371-2600

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Statement Under 37 C.F.R. § 3.73(b) **ADDENDUM**

1. From: Martin John Glenton HUGHES, Joseph David SANTANGELO, Jonathan Douglas LANE, Robert FELDMAN, Joanne Christine MOORE, Richard James DOBSON, Paul EVEREST, Caroline Joanne HENWOOD, Gordon DOUGAN, and Rebecca Kerry WILSON

To: Microscience Limited

The document was recorded in the United States Patent and Trademark Office at

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2. From: Microscience Limited

To: Emergent Europe Limited

The document was recorded in the United States Patent and Trademark Office at

Reel: 018951; Frame: 0034

3. From: Emergent Europe Limited

To: Emergent Product Development UK Limited

The document was recorded in the United States Patent and Trademark Office at

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